

STIC Biotechnology Systems Branch

RAW SEQUENCE LISTING ERROR REPORT

The Biotechnology Systems Branch of the Scientific and Technical Information Center (STIC) detected errors when processing the following computer readable form:

Application Serial Number: 10/530,106
Source: PG/10
Date Processed by STIC: 4/12/05

THE ATTACHED PRINTOUT EXPLAINS DETECTED ERRORS.

PLEASE FORWARD THIS INFORMATION TO THE APPLICANT BY EITHER:

- 1) INCLUDING A COPY OF THIS PRINTOUT IN YOUR NEXT COMMUNICATION TO THE APPLICANT, WITH A NOTICE TO COMPLY or,
- 2) TELEPHONING APPLICANT AND FAXING A COPY OF THIS PRINTOUT, WITH A NOTICE TO COMPLY

FOR CRF SUBMISSION AND PATENTIN SOFTWARE QUESTIONS, PLEASE CONTACT MARK SPENCER, TELEPHONE: 571-272-2510; FAX: 571-273-0221

TO REDUCE ERRORED SEQUENCE LISTINGS, PLEASE USE THE CHECKER VERSION 4.2.2 PROGRAM, ACCESSIBLE THROUGH THE U.S. PATENT AND TRADEMARK OFFICE WEBSITE. SEE BELOW FOR ADDRESS:

<http://www.uspto.gov/web/offices/pac/checker/chkrnote.htm>

Applicants submitting genetic sequence information electronically on diskette or CD-Rom should be aware that there is a possibility that the disk/CD-Rom may have been affected by treatment given to all incoming mail.

Please consider using alternate methods of submission for the disk/CD-Rom or replacement disk/CD-Rom.

Any reply including a sequence listing in electronic form should NOT be sent to the 20231 zip code address for the United States Patent and Trademark Office, and instead should be sent via the following to the indicated addresses:

1. EFS-Bio (<<http://www.uspto.gov/ebs/efs/downloads/documents.htm>> , EFS Submission User Manual - ePAVE)
2. U.S. Postal Service: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450
3. Hand Carry, Federal Express, United Parcel Service, or other delivery service (EFFECTIVE 01/14/05):
U.S. Patent and Trademark Office, Mail Stop Sequence, Customer Window, Randolph Building, 401 Dulany Street, Alexandria, VA 22314

Revised 01/24/05



PCT

RAW SEQUENCE LISTING

DATE: 04/12/2005

PATENT APPLICATION: US/10/530,106

TIME: 10:20:31

Input Set : A:\pto.da.txt

Output Set: N:\CRF4\04122005\J530106.raw

5 <110> APPLICANT: Hooft Van Huijsduijnen, Rob

6 Walchli, Sebastien

9 <120> TITLE OF INVENTION: Use of protein tyrosine phosphatase inhibitors for
vention and/or

10 treatment of cancer

14 <130> FILE REFERENCE: SLII-P01-003

17 <140> CURRENT APPLICATION NUMBER: US/10/530,106

17 <141> CURRENT FILING DATE: 2005-04-01

17 <160> NUMBER OF SEQ ID NOS: 34

21 <170> SOFTWARE: PatentIn version 3.1

25 <210> SEQ ID NO: 1

27 <211> LENGTH: 1115

29 <212> TYPE: PRT

31 <213> ORGANISM: Homo sapiens

35 <400> SEQUENCE: 1

37 Met Ala Gly Ala Gly Gly Gly Leu Gly Val Trp Gly Asn Leu Val Leu

38 1 5 10 15

41 Leu Gly Leu Cys Ser Trp Thr Gly Ala Arg Ala Pro Ala Pro Asn Pro

42 20 25 30

45 Gly Arg Asn Leu Thr Val Glu Thr Thr Thr Ser Ser Ile Ser Leu

46 35 40 45

49 Ser Trp Glu Val Pro Asp Gly Leu Asp Ser Gln Asn Ser Asn Tyr Trp

50 50 55 60

53 Val Gln Cys Thr Gly Asp Gly Gly Thr Thr Glu Thr Arg Asn Thr Thr

54 65 70 75 80

57 Ala Thr Asn Val Thr Val Asp Gly Leu Gly Pro Gly Ser Leu Tyr Thr

58 85 90 95

61 Cys Ser Val Trp Val Glu Lys Asp Gly Val Asn Ser Ser Val Gly Thr

62 100 105 110

65 Val Thr Thr Ala Thr Ala Pro Asn Pro Val Arg Asn Leu Arg Val Glu

66 115 120 125

69 Ala Gln Thr Asn Ser Ser Ile Ala Leu Thr Trp Glu Val Pro Asp Gly

70 130 135 140

73 Pro Asp Pro Gln Asn Ser Thr Tyr Gly Val Glu Tyr Thr Gly Asp Gly

74 145 150 155 160

77 Gly Arg Ala Gly Thr Arg Ser Thr Ala His Thr Asn Ile Thr Val Asp

78 165 170 175

81 Gly Leu Glu Pro Gly Cys Leu Tyr Ala Phe Ser Met Trp Val Gly Lys

82 180 185 190

85 Asn Gly Ile Asn Ser Ser Arg Glu Thr Arg Asn Ala Thr Thr Ala His

86 195 200 205

89 Asn Pro Val Arg Asn Leu Arg Val Glu Ala Gln Thr Thr Ser Ser Ile

90 210 215 220

93 Ser Leu Ser Trp Glu Val Pro Asp Gly Thr Asp Pro Gln Asn Ser Thr

Does Not Comply
Corrected Diskette Needed

pp 6-7

RAW SEQUENCE LISTING

PATENT APPLICATION: US/10/530,106

DATE: 04/12/2005

TIME: 10:20:31

Input Set : A:\pto.da.txt

Output Set: N:\CRF4\04122005\J530106.raw

```

94 225          230          235          240
97 Tyr Cys Ile Gln Cys Thr Gly Asp Gly Gly Arg Thr Glu Thr Arg Asn
98          245          250          255
101 Thr Thr Asp Thr Arg Val Thr Val Asp Gly Leu Gly Pro Gly Ser Leu
102          260          265          270
105 Tyr Thr Cys Ser Val Trp Val Glu Lys Asp Gly Val Asn Ser Ser Val
106          275          280          285
109 Glu Ile Val Thr Ser Thr Thr Ala Pro Asn Pro Val Arg Asn Leu Thr
110          290          295          300
113 Val Glu Ala Gln Thr Asn Ser Ser Ile Ala Leu Thr Trp Glu Val Pro
114 305          310          315          320
117 Asp Gly Pro Asp Pro Gln Asn Ser Thr Tyr Gly Val Glu Tyr Thr Gly
118          325          330          335
121 Asp Gly Gly Arg Ala Gly Thr Arg Ser Thr Ala His Thr Asn Ile Thr
122          340          345          350
125 Val Asp Arg Leu Glu Pro Gly Cys Leu Tyr Val Phe Ser Val Trp Val
126          355          360          365
131 Gly Lys Asn Gly Ile Asn Ser Ser Arg Glu Thr Arg Asn Ala Thr Thr
132          370          375          380
135 Ala Pro Asn Pro Val Arg Asn Leu His Met Glu Thr Gln Thr Asn Ser
136 385          390          395          400
139 Ser Ile Ala Leu Cys Trp Glu Val Pro Asp Gly Pro Tyr Pro Gln Asp
140          405          410          415
143 Tyr Thr Tyr Trp Val Glu Tyr Thr Gly Asp Gly Gly Gly Thr Glu Thr
144          420          425          430
147 Arg Asn Thr Thr Asn Thr Ser Val Thr Ala Glu Arg Leu Glu Pro Gly
148          435          440          445
151 Thr Leu Tyr Thr Phe Ser Val Trp Ala Glu Lys Asn Gly Ala Arg Gly
152          450          455          460
155 Ser Arg Gln Asn Val Ser Ile Ser Thr Val Pro Asn Ala Val Thr Ser
156 465          470          475          480
159 Leu Ser Lys Gln Asp Trp Thr Asn Ser Thr Ile Ala Leu Arg Trp Thr
160          485          490          495
163 Ala Pro Gln Gly Pro Gly Gln Ser Ser Tyr Ser Tyr Trp Val Ser Trp
164          500          505          510
167 Val Arg Glu Gly Met Thr Asp Pro Arg Thr Gln Ser Thr Ser Gly Thr
168          515          520          525
171 Asp Ile Thr Leu Lys Glu Leu Glu Ala Gly Ser Leu Tyr His Leu Thr
172          530          535          540
175 Val Trp Ala Glu Arg Asn Glu Val Arg Gly Tyr Asn Ser Thr Leu Thr
176 545          550          555          560
179 Ala Ala Thr Ala Pro Asn Glu Val Thr Asp Leu Gln Asn Glu Thr Gln
180          565          570          575
183 Thr Lys Asn Ser Val Met Leu Trp Trp Lys Ala Pro Gly Asp Pro His
184          580          585          590
187 Ser Gln Leu Tyr Val Tyr Trp Val Gln Trp Ala Ser Lys Gly His Pro
188          595          600          605
191 Arg Arg Gly Gln Asp Pro Gln Ala Asn Trp Val Asn Gln Thr Ser Arg
192          610          615          620

```

RAW SEQUENCE LISTING

PATENT APPLICATION: US/10/530,106

DATE: 04/12/2005

TIME: 10:20:31

Input Set : A:\pto.da.txt

Output Set: N:\CRF4\04122005\J530106.raw

```

195 Thr Asn Glu Thr Trp Tyr Lys Val Glu Ala Leu Glu Pro Gly Thr Leu
196 625 630 635 640
199 Tyr Asn Phe Thr Val Trp Ala Glu Arg Asn Asp Val Ala Ser Ser Thr
200 645 650 655
203 Gln Ser Leu Cys Ala Ser Thr Tyr Pro Asp Thr Val Thr Ile Thr Ser
204 660 665 670
207 Cys Val Ser Thr Ser Ala Gly Tyr Gly Val Asn Leu Ile Trp Ser Cys
208 675 680 685
211 Pro Gln Gly Gly Tyr Glu Ala Phe Glu Leu Glu Val Gly Gly Gln Arg
212 690 695 700
215 Gly Ser Gln Asp Arg Ser Ser Cys Gly Glu Ala Val Ser Val Leu Gly
216 705 710 715 720
219 Leu Gly Pro Ala Arg Ser Tyr Pro Ala Thr Ile Thr Thr Ile Trp Asp
220 725 730 735
223 Gly Met Lys Val Val Ser His Ser Val Val Cys His Thr Glu Ser Ala
224 740 745 750
227 Gly Val Ile Ala Gly Ala Phe Val Gly Ile Leu Leu Phe Leu Ile Leu
228 755 760 765
231 Val Gly Leu Leu Ile Phe Phe Leu Lys Arg Arg Asn Lys Lys Lys Gln
232 770 775 780
235 Gln Lys Pro Glu Leu Arg Asp Leu Val Phe Ser Ser Pro Gly Asp Ile
236 785 790 795 800
239 Pro Ala Glu Asp Phe Ala Asp His Val Arg Lys Asn Glu Arg Asp Ser
240 805 810 815
243 Asn Cys Gly Phe Ala Asp Glu Tyr Gln Gln Leu Ser Leu Val Gly His
244 820 825 830
247 Ser Gln Ser Gln Met Val Ala Ser Ala Ser Glu Asn Asn Ala Lys Asn
248 835 840 845
251 Arg Tyr Arg Asn Val Leu Pro Tyr Asp Trp Ser Arg Val Pro Leu Lys
252 850 855 860
255 Pro Ile His Glu Glu Pro Gly Ser Asp Tyr Ile Asn Ala Ser Phe Met
256 865 870 875 880
259 Pro Gly Leu Trp Ser Pro Gln Glu Phe Ile Ala Thr Gln Gly Pro Leu
260 885 890 895
263 Pro Gln Thr Val Gly Asp Phe Trp Arg Leu Val Trp Glu Gln Gln Ser
264 900 905 910
267 His Thr Leu Val Met Leu Thr Asn Cys Met Glu Ala Gly Arg Val Lys
268 915 920 925
271 Cys Glu His Tyr Trp Pro Leu Asp Ser Gln Pro Cys Thr His Gly His
272 930 935 940
275 Leu Arg Val Thr Leu Val Gly Glu Glu Val Met Glu Asn Trp Thr Val
276 945 950 955 960
279 Arg Glu Leu Leu Leu Leu Gln Val Glu Glu Gln Lys Thr Leu Ser Val
280 965 970 975
283 Arg Gln Phe His Tyr Gln Ala Trp Pro Asp His Gly Val Pro Ser Ser
284 980 985 990
287 Pro Asp Thr Leu Leu Ala Phe Trp Arg Met Leu Arg Gln Trp Leu Asp
288 995 1000 1005
291 Gln Thr Met Glu Gly Gly Pro Pro Ile Val His Cys Ser Ala Gly

```

RAW SEQUENCE LISTING

PATENT APPLICATION: US/10/530,106

DATE: 04/12/2005

TIME: 10:20:31

Input Set : A:\pto.da.txt

Output Set: N:\CRF4\04122005\J530106.raw

```

292      1010      1015      1020
295 Val Gly Arg Thr Gly Thr Leu Ile Ala Leu Asp Val Leu Leu Arg
296      1025      1030      1035
299 Gln Leu Gln Ser Glu Gly Leu Leu Gly Pro Phe Ser Phe Val Arg
300      1040      1045      1050
303 Lys Met Arg Glu Ser Arg Pro Leu Met Val Gln Thr Glu Ala Gln
304      1055      1060      1065
307 Tyr Val Phe Leu His Gln Cys Ile Leu Arg Phe Leu Gln Gln Ser
308      1070      1075      1080
311 Ala Gln Ala Pro Ala Glu Lys Glu Val Pro Tyr Glu Asp Val Glu
312      1085      1090      1095
315 Asn Leu Ile Tyr Glu Asn Val Ala Ala Ile Gln Ala His Lys Leu
316      1100      1105      1110
319 Glu Val
320      1115
323 <210> SEQ ID NO: 2
325 <211> LENGTH: 20
327 <212> TYPE: DNA
329 <213> ORGANISM: Artificial Sequence
333 <220> FEATURE:
335 <223> OTHER INFORMATION: Primer
337 <400> SEQUENCE: 2
338 ccagctcacc atggatgatg
341 <210> SEQ ID NO: 3
343 <211> LENGTH: 22
345 <212> TYPE: DNA
347 <213> ORGANISM: Artificial Sequence
351 <220> FEATURE:
353 <223> OTHER INFORMATION: Primer
355 <400> SEQUENCE: 3
356 ccttaatgtc acgcacgatt tc
359 <210> SEQ ID NO: 4
361 <211> LENGTH: 20
363 <212> TYPE: DNA
365 <213> ORGANISM: Artificial Sequence
369 <220> FEATURE:
371 <223> OTHER INFORMATION: Primer
373 <400> SEQUENCE: 4
374 catgctgacc aactgcatgg
377 <210> SEQ ID NO: 5
379 <211> LENGTH: 20
381 <212> TYPE: DNA
383 <213> ORGANISM: Artificial Sequence
387 <220> FEATURE:
389 <223> OTHER INFORMATION: Primer
391 <400> SEQUENCE: 5
392 gcgagtccag aggccagtaa
395 <210> SEQ ID NO: 6
397 <211> LENGTH: 20

```

RAW SEQUENCE LISTING

PATENT APPLICATION: US/10/530,106

DATE: 04/12/2005

TIME: 10:20:31

Input Set : A:\pto.da.txt

Output Set: N:\CRF4\04122005\J530106.raw

399 <212> TYPE: DNA
401 <213> ORGANISM: Artificial Sequence
405 <220> FEATURE:
407 <223> OTHER INFORMATION: Primer
409 <400> SEQUENCE: 6
410 gcgagtcacag aggccagtaa 20
413 <210> SEQ ID NO: 7
415 <211> LENGTH: 20
417 <212> TYPE: DNA
419 <213> ORGANISM: Artificial Sequence
423 <220> FEATURE:
425 <223> OTHER INFORMATION: Primer
427 <400> SEQUENCE: 7
428 catgctgacc aactgcatgg 20
431 <210> SEQ ID NO: 8
433 <211> LENGTH: 22
435 <212> TYPE: DNA
437 <213> ORGANISM: Artificial Sequence
441 <220> FEATURE:
443 <223> OTHER INFORMATION: Primer
445 <400> SEQUENCE: 8
446 gatgggattt ccattgatga ca 22
449 <210> SEQ ID NO: 9
451 <211> LENGTH: 18
453 <212> TYPE: DNA
455 <213> ORGANISM: Artificial Sequence
459 <220> FEATURE:
461 <223> OTHER INFORMATION: Primer
463 <400> SEQUENCE: 9
464 ccacccatgg caaattcc 18
467 <210> SEQ ID NO: 10
469 <211> LENGTH: 21
471 <212> TYPE: DNA
473 <213> ORGANISM: Artificial Sequence
477 <220> FEATURE:
479 <223> OTHER INFORMATION: Primer
481 <400> SEQUENCE: 10
482 cctagtccca gggctttgat t 21
485 <210> SEQ ID NO: 11
487 <211> LENGTH: 22
489 <212> TYPE: DNA
491 <213> ORGANISM: Artificial Sequence
495 <220> FEATURE:
497 <223> OTHER INFORMATION: Primer
499 <400> SEQUENCE: 11
500 ctgtgctccc actcctgatt tc 22
503 <210> SEQ ID NO: 12
505 <211> LENGTH: 13
507 <212> TYPE: PRT

14530,106 6

<210> 32

<211> 20

<212> DNA

<213> Artificial sequence

needs explanation - see p. 7

<400> 32

gcgcgctagc cacttcggaa

20

7

RAW SEQUENCE LISTING ERROR SUMMARY
PATENT APPLICATION: US/10/530,106

DATE: 04/12/2005
TIME: 10:20:32

Input Set : A:\pto.da.txt

Output Set: N:\CRF4\04122005\J530106.raw

on Explanation

of <220> Feature(NEW RULES):

ence(s) are missing the <220> Feature and associated headings.

of <220> to <223> is MANDATORY if <213> ORGANISM is "Artificial Sequence"

Unknown". Please explain source of genetic material in <220> to <223>

tion (See "Federal Register," 6/01/98, Vol. 63, No. 104, pp.29631-32)

c.1.823 of new Rules)

#:32

VERIFICATION SUMMARY
PATENT APPLICATION: US/10/530,106

DATE: 04/12/2005
TIME: 10:20:32

Input Set : A:\pto.da.txt
Output Set: N:\CRF4\04122005\J530106.raw

7 M:270 C: Current Application Number differs, Replaced Current Application No
7 M:271 C: Current Filing Date differs, Replaced Current Filing Date
79 M:258 W: Mandatory Feature missing, <220> Tag not found for SEQ#:32, <213>
ANISM:Artificial sequence
79 M:258 W: Mandatory Feature missing, <223> Tag not found for SEQ#:32, <213>
ANISM:Artificial sequence
79 M:258 W: Mandatory Feature missing, <223> Blank for SEQ#:32,Line#:879